

50X1-HUM

CENTRAL INTELLIGENCE AGENCY
~~SECRET~~
INFORMATION REPORT

REPORT

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1. The following are the production figures for the specified items at the Elektrochemisches Kombinat, Bitterfeld, over the period April-August 1948, inclusive. They are all products in the manufacture of which hydrogen, in one form or another, was used.

	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>
	(in tons per month)				
Potassium bichromate	80	85	105	130	135
Pernanganate of potash	82	85	82	85	85
Hydrochloric acid, by combustion	1,400	1,600	1,530	1,370	900
Calcium chloride, solid 90-95 percent	350	317	283	84	83
Silicon	847	851	879	901	911
Caustic potash, solid	172	133	128	118	105
"E" metal castings	30	29	34	43	49
Special products	24	26.5	30	29	31
Aluminum scrap (distillation products)	502	450	567	472	520
Raw calcium	35.7	34.8	30.4	6.7	12.1
Distilled calcium	14.5	12.8	10.8	1.3	--
Synthetics	54	53	44	56	60
Heavy metals (Nord Werk)	1.5	1.5	1.5	1.5	1.5
Albuminous products	100.5	100.5	116	138	133

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CENTRAL INTELLIGENCE AGENCY

- 2 -

	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>
Lighter flints	0.352	0.491	0.479	0.533	0.627
Caustic soda	160	180	150	180	180
Iron chloride	-	-	125	130	-
Magnesium oxide	-	-	3.0	6.3	4.1
Calcium chloride in lumps	-	-	-	87	103

3. Further production of calcium chloride lye is 15 tons per day, from which 1 ton of raw calcium is extracted by cathode electrolysis.
4. The following are the production targets for Bitterfeld for the years 1948, 1949, and 1950:

	<u>1948</u>	<u>1949</u> (in tons per year)	<u>1950</u>
Potassium bichromate	1,040	1,500	2,400
Permanganate of potash	850	1,000	1,800
Potassium chlorate	600	700	750
Barium chloride	900	1,275	2,000
Calcium ammonium nitrate	135,000	142,000	150,000
(New production facilities to the value of 16 million DM are planned for 1951.)			
Tricresylphosphate	1,500	1,800	2,800
Yellow phosphorous	(Production ceased: lack of raw materials.)		
Chlorbenzol	800	1,000	2,400
Carbontetrachloride	1949 4%	1950 240% more than 1948.	
Synthetic material	1949 50%	1950 100% more than 1948.	

5. The value of the production planned for these years is as follows:

1948 - 139 million DMs.

1949 - 151 million DMs.

1950 - 167 million DMs.

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